

Date: Fri, 15 Jul 94 04:30:25 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #234  
To: Ham-Digital

Ham-Digital Digest                      Fri, 15 Jul 94                      Volume 94 : Issue    234

Today's Topics:

    One-way automated digital=bad (3 msgs)  
        The Net and TNC-1's  
        TS-50S function keys  
    Wanted--Link Tech. terminal KEYBOARD

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Thu, 14 Jul 1994 01:03:25 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!kd4nc!ke4zv!gary@network.ucsd.edu  
Subject: One-way automated digital=bad  
To: ham-digital@ucsd.edu

In article <wyn.49.2E241693@ornl.gov> wyn@ornl.gov (C. C. Wynn) writes:  
>In article <199407131310.GAA01894@ucsd.edu>  
> William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:  
>  
>>it'll be the same argument as with W1AW...there's a schedule, a list of  
>>frequencies and when it's time for bulletins or code practice or whatever,  
>>they come on the air ...  
>  
>W1AW is not assigned a frequency. They will QSY to not QRM an ongoing QS0.  
  
:-) :-) :-) \*Sure\* they will. They don't even \*listen\* on the frequency  
before firing up the kilowatts.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: 14 Jul 1994 10:40:19 -0400  
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news.intercon.com!news1.digex.net!  
digex.net!not-for-mail@network.ucsd.edu  
Subject: One-way automated digital=bad  
To: ham-digital@ucsd.edu

In article <199407131310.GAA01894@ucsd.edu>, William=E.=Newkirk% wrote:

>  
> let's get all the automatic guys onto a few frequencies - tell everyone where  
> they are and the fact that the automatic stuff should be constantly busy  
> should be enough to keep the rational out.  
>  
> or is this approach just too simple for everyone?  
>  
> no doubt someone will have to build an automatic QRM'er so he can "show 'em".  
>  
> bill wb9ivr

Put co-ordinated auto-op frequencies into effect immediately, that should  
appease most everyone, hopefully...

Andy N3LCW

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Date: Thu, 14 Jul 1994 19:06:35 GMT  
From: ihnp4.ucsd.edu!usc!sdd.hp.com!col.hp.com!srngenprp!alanb@network.ucsd.edu  
Subject: One-way automated digital=bad  
To: ham-digital@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: In article <wyn.49.2E241693@ornl.gov> wyn@ornl.gov (C. C. Wynn) writes:  
: >  
: >W1AW is not assigned a frequency. They will QSY to not QRM an ongoing QS0.  
  
: :-) :-) :-) \*Sure\* they will. They don't even \*listen\* on the frequency  
: before firing up the kilowatts.

W1AW's experience may be a bad omen for the semi-automatic digital stations.

Despite the fact that W1AW only uses one frequency per band, at only certain hours of the day, using a widely-published schedule that rarely changes, and has hundreds of users, there has STILL been a fair amount of bitching and complaining about it.

The digital stations will come on in much greater numbers, at random times with no published schedules, with only one pair of users per frequency. (Even if you count each message originator as a "user", it's still less than W1AW.) I expect the bitch level to be +30 or +40 dB. :=)

AL N1AL

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Date: 14 Jul 1994 10:55:31 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.cac.psu.edu!news.pop.psu.edu!psuvax1!news.cc.swarthmore.edu!netnews.upenn.edu!gopher.cs.uofs.edu!triangle.cs.uofs.edu!bill@network.ucsd.  
Subject: The Net and TNC-1's  
To: ham-digital@ucsd.edu

Has anyone ever put any version of The Net into a TNC-1??  
If not, can anyone tell me why not??

bill KB3YV

--  
Bill Gunshannon | de-moc-ra-cy (di mok' ra see) n. Three wolves  
bill@cs.uofs.edu | and a sheep voting on what's for dinner.  
University of Scranton |  
Scranton, Pennsylvania | #include <std.disclaimer.h>

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Date: 13 Jul 94 19:10:34 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!aries!hawley@network.ucsd.edu  
Subject: TS-50S function keys  
To: ham-digital@ucsd.edu

david@primenet.com (David Dodell) writes:

>I have been trying to get documentation on how the function keys on a  
>TS-50S are emulated from the microphone. While the manual gives  
>instructions on programming the function keys, the manual does not give  
>any idea how to duplicate a depression of a function key from the wiring  
>diagram.

>I have had no luck with Kenwood USA, they claim they don't know. I've  
>sent two FAX's to Kenwood Japan, but no response.

>Anyone offer any suggestions?

>david

The service manual shows the wiring diagram of the mic. I think they  
use a couple of resistors to vary the voltage (or current) fed back  
to an A to D to distinguish between the various buttons. It's simple,  
I just don't recall clearly what it was.

Chuck Hawley, KE9UW in Urbana, Illinois  
hawley@aries.scs.uiuc.edu  
School of Chemical Sciences, Electronic Services  
University of Illinois, Urbana-Champaign

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Date: 13 Jul 94 13:55:40 -0500  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!howland.reston.ans.net!  
europa.eng.gtefsd.com!news.ans.net!mrtnt.ntrs.com!tntvax!rs2@network.ucsd.edu  
Subject: Wanted--Link Tech. terminal KEYBOARD  
To: ham-digital@ucsd.edu

I am looking for a KEYBOARD for a Link Technologies MC-10 terminal. A used  
keyboard in good working condition would be fine.

Bought the display at a hamfest but it needs a keyboard.

--  
Richard Steck, W9RS  
Internet address: steck.richard@ntrs.com  
Phone: 312-630-6622

Opinions expressed are my own and not those of my employer.

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Date: Wed, 13 Jul 1994 18:41:12  
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!  
nwnexus!olympus.net!olympus.net!vaughnwt@network.ucsd.edu  
To: ham-digital@ucsd.edu

References <Csn6B9.LEn@Newbridge.COM>, <CsrGu8.GDp@eskimo.com>,

<1994Jul11.175048.3035@analog.com>i

Subject : Re: Higher speed/lower cost? (was Re: PPP to Internet Over Packet Radio)

> This sounds like a really interesting product,  
>but how possible would it to make a kit along these lines, in a much  
>larger form factor, at perhaps an order of magnitude slower? Could DSP  
>techniques be used to simplify the problem?

> -Matt

Why drag our butts? Why settle for a magnitude slower? Why go with 400Mhz?  
Sure it was hot stuff in the forties as was 1200 baud 10 years ago. How about  
an S-band spread spectrum(direct synthesis) kit. Something that will enable  
hams to carry multiple conversations or high speed data streams at once.  
Dream a little dream. What would be the requirements? Digitized compressed  
video would be one. Perhaps a minimum of 56k data channel. Digitized voice to  
be carried over the backbone. Everyone having a personal mailbox or line code  
for IRC type comms(with the aforementioned video). Help me out here what else  
would the standard need. I just attended a meeting for distance learning over  
the internet. Its not there for the majority. We can lead the way. Lets go,  
get this big ball rolling.

William Vaughn      vaughnwt@olympus.net "Just plain Bill."

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End of Ham-Digital Digest V94 #234

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